

41

Access DB# 77873

# SEARCH REQUEST FORM

Scientific and Technical Information Center

Requester's Full Name: Le, VU Examiner #: 71572 Date: 10/15/02  
Art Unit: 2613 Phone Number 30 \_\_\_\_\_ Serial Number: 1010141431  
Mail Box and Bldg/Room Location: \_\_\_\_\_ Results Format Preferred (circle): PAPER DISK E-MAIL

If more than one search is submitted, please prioritize searches in order of need.  
\*\*\*\*\*

Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: \_\_\_\_\_

Inventors (please provide full names): \_\_\_\_\_

Earliest Priority Filing Date: \_\_\_\_\_

*\*For Sequence Searches Only\* Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.*

US 5764622

STAFF USE ONLY		Type of Search	Vendors and cost where applicable
Searcher: <u>KJS</u>	NA Sequence (#) _____	STN _____	
Searcher Phone #: <u>305-4071</u>	AA Sequence (#) _____	<u>Dialog</u> _____	
Searcher Location: _____	Structure (#) _____	<u>Questel/Orbit</u> _____	
Date Searcher Picked Up: <u>10/15</u>	Bibliographic _____	<u>Dr. Link</u> _____	
Date Completed: <u>10/15</u>	Litigation <u>X</u> _____	<u>Lexis/Nexis</u> _____	
Searcher Prep & Review Time: _____	Fulltext _____	Sequence Systems _____	
Clerical Prep Time: _____	Patent Family _____	WWW/Internet _____	
Online Time: <u>12</u>	Other _____	Other (specify) _____	

<=1> GET 1st DRAWING SHEET OF 12

June 9, 1998

Recording medium cartridge and signal recording apparatus

REISSUE: April 24, 2000 - Reissue Application filed Apr. 24, 2000 (O.G. Jun. 13, 2000) Ex. Gp.: 2754; Re. S.N. 09/558,462 June 13, 2000; December 14, 2001 - Reissue Application filed Ex. Gp.: 2754; Re. S.N. 10/014,431 June 25, 2002; December 28, 2001 - Reissue Application filed Ex. Gp.: 2754; Re. S.N. 10/028,799 June 25, 2002

APPL-NO: 08652053 (08)

FILED-DATE: May 23, 1996

GRANTED-DATE: June 9, 1998

CORE TERMS: cartridge, recording, medium, disk, adhesive tape, user, window, claw, recordable, detector ...

ENGLISH-ABST:

A cartridge for housing a recording medium therein. The cartridge includes a cartridge body configured such that a signal recording apparatus can record a signal onto the recording medium when the cartridge is loaded in the signal recording apparatus. The cartridge also includes an opening in the cartridge body for removing the recording medium from the cartridge body, and a cover covering the opening. An indicator on the cartridge body indicates whether the cover has ever been opened or removed from the cartridge body.

5,764,622 OR 5764622

**LEXIS-NEXIS**  
**Library: PATENT**  
**File: CASES**

Your search request has found no CASES.

To edit the above request, use the arrow keys. Be sure to move the cursor to the end of the request before you enter it.

To enter a new search request, type it and press the ENTER key.

What you enter will be Search Level 1.

For further explanation, press the H key (for HELP) and then the ENTER key.

5,764,622,OR 5764622

**LEXIS-NEXIS**  
**Library: PATENT**  
**File: JNLS**

Your search request has found no ITEMS.

To edit the above request, use the arrow keys. Be sure to move the cursor to the end of the request before you enter it.

To enter a new search request, type it and press the ENTER key.

What you enter will be Search Level 1.

For further explanation, press the H key (for HELP) and then the ENTER key.

5,764,622 OR 5764622

**LEXIS-NEXIS**  
**Library: NEWS**  
**File: CURNWS**

Your search request has found no STORIES.

To edit the above request, use the arrow keys. Be sure to move the cursor to the end of the request before you enter it.

To enter a new search request, type it and press the ENTER key.

What you enter will be Search Level 1.

For further explanation, press the H key (for HELP) and then the ENTER key.

Query/Command : prt max legalall

---

1 / 1 PLUSPAT - ©QUESTEL-ORBIT

PN - US5764622 A 19980609 [US5764622]  
TI - (A) Recording medium cartridge and signal recording apparatus  
PA - (A) MATSUSHITA ELECTRIC IND CO LTD (JP)  
IN - (A) KAWAMURA ICHIRO (JP); IMANAKA RYOICHI (JP); GOTO YOSHIKAZU (JP)  
AP - US65205396 19960523 [1996US-0652053]  
PR - JP12342095 19950523 [1995JP-0123420]  
JP12294896 19960517 [1996JP-0122948]  
IC - (A) G11B-023/03  
EC - G11B-023/03A9  
G11B-023/03B2  
PCL - ORIGINAL (O) : 369291000; CROSS-REFERENCE (X) : 360133000  
DT - Corresponding document  
CT - US3990575; US4425999; US4475222; US4617655; US4755982; US4805769; US5012380;  
US5093823; US5150354; JP6-12814  
STG - (A) United States patent  
AB - A cartridge for housing a recording medium therein. The cartridge includes a cartridge body configured such that a signal recording apparatus can record a signal onto the recording medium when the cartridge is loaded in the signal recording apparatus. The cartridge also includes an opening in the cartridge body for removing the recording medium from the cartridge body, and a cover covering the opening. An indicator on the cartridge body indicates whether the cover has ever been opened or removed from the cartridge body.

---

1 / 1 LGST - ©LEGSTAT

PN - US 5764622 [US5764622]  
AP - US 652053/96 19960523 [1996US-0652053]  
DT - US-P  
ACT - 19960523 US/AE-A  
APPLICATION DATA (PATENT)  
US 652053/96 19960523 [1996US-0652053]  
  
19960724 US/AS02  
ASSIGNMENT OF ASSIGNOR'S INTEREST  
MATSUSHITA ELECTRIC INDUSTRIAL CO. LTD. 1006 OAZA KADOMA, KADOMA-  
SHI OSAKA 571, \* KAWAMURA, ICHIRO : 19960710; IMANAKA, RYOICHI :  
19960709; GOTO, YOSHIKAZU : 19960712  
  
19980609 US/A  
PATENT  
  
20000613 US/RF  
REISSUE APPLICATION FILED  
20000424

20020625 US/RF  
REISSUE APPLICATION FILED  
20011228

UP - 2002-26

---

1 / 1 CRXX - ©CLAIMS/RRX

PN - 5,764,622 A 19980609 [US5764622]  
PA - Matsushita Electric Industrial Co Ltd JP  
ACT - 20000425 REISSUE REQUESTED  
ISSUE DATE OF O.G.: 20000613  
REISSUE REQUEST NUMBER: 09/558462  
EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 2754  
Reissue Patent Number: USRE37659

20011214 REISSUE REQUESTED  
ISSUE DATE OF O.G.: 20020625  
REISSUE REQUEST NUMBER: 10/014431  
EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 2754

Reissue Patent Number:

20011228 REISSUE REQUESTED  
ISSUE DATE OF O.G.: 20020625  
REISSUE REQUEST NUMBER: 10/028799  
EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 2754

Reissue Patent Number:

---

1 / 3 PAST - ©Thomson Derwent

AN - 200226-001840  
PN - 5764622 A [US5764622]  
OG - 2002-06-25  
ACT - REISSUE APPLICATION FILED

---

2 / 3 PAST - ©Thomson Derwent

AN - 200226-001839  
PN - 5764622 A [US5764622]  
OG - 2002-06-25

ACT - REISSUE APPLICATION FILED

---

3 / 3 PAST - ©Thomson Derwent

AN - 200216-001843

PN - 5764622 A [US5764622]

OG - 2002-04-16

ACT - REISSUE PATENT

RL - USRE37659



?s pn=us 5764622  
S4 1 PN=US 5764622  
?t 4/39/1

4/39/1

DIALOG(R)File 345:Inpadoc/Fam.& Legal Stat  
(c) 2002 EPO. All rts. reserv.

13319992

Basic Patent (No,Kind,Date): EP 744743 A2 19961127 <No. of Patents: 023>

Patent Family:

Patent No	Kind	Date	Applic No	Kind	Date	
CN 1143804	A	19970226	CN 96106668	A	19960523	
DE 69618712	C0	20020314	DE 69618712	A	19960520	
DE 69618712	T2	20020814	DE 69618712	A	19960520	
EP 744743	A2	19961127	EP 96303573	A	19960520	(BASIC)
EP 744743	A3	19970924	EP 96303573	A	19960520	
EP 744743	B1	20020123	EP 96303573	A	19960520	
JP 9045032	A2	19970214	JP 96122948	A	19960517	
JP 2000123523	A2	20000428	JP 99335941	A	19991126	
JP 2000123524	A2	20000428	JP 99335942	A	19991126	
JP 2000123525	A2	20000428	JP 99335943	A	19991126	
JP 2000123526	A2	20000428	JP 99335944	A	19991126	
JP 2000123527	A2	20000428	JP 99335945	A	19991126	
JP 2000123528	A2	20000428	JP 99335946	A	19991126	
JP 3031241	B2	20000410	JP 96122948	A	19960517	
JP 3039545	B2	20000508	JP 99335941	A	19991126	
JP 3039546	B2	20000508	JP 99335942	A	19991126	
JP 3039547	B2	20000508	JP 99335943	A	19991126	
JP 3039548	B2	20000508	JP 99335944	A	19991126	
JP 3039549	B2	20000508	JP 99335945	A	19991126	
KR 270384	B1	20001101	KR 9617122	A	19960521	
US 5764622	A	19980609	US 652053	A	19960523	
US 5854777	A	19981229	US 20415	A	19980209	
US 37659	E1	20020416	US 558462	A	20000424	

Priority Data (No,Kind,Date):

JP 95123420 A 19950523  
JP 96122948 A 19960517  
JP 99335941 A 19991126  
JP 99335942 A 19991126  
JP 99335943 A 19991126  
JP 99335944 A 19991126  
JP 99335945 A 19991126  
JP 99335946 A 19991126  
US 20415 A 19980209  
US 652053 A3 19960523  
US 558462 A 20000424  
US 652053 A5 19960523

PATENT FAMILY:

CHINA (CN)

Patent (No,Kind,Date): CN 1143804 A 19970226

CARTRIDGE, SIGNAL RECORDING APPARATUS USING THE SAME AND ELECTRONICS  
APPARATUS USING THE SAME (English)

Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)

Author (Inventor): ICHIRO KAWAMURA (JP); YOSHIKAZU IMANAKA (JP);  
KAORUNA GOTO (JP)

Priority (No,Kind,Date): JP 95123420 A 19950523

Applic (No,Kind,Date): CN 96106668 A 19960523

IPC: \* G11B-017/04; G11B-017/022

Derwent WPI Acc No: \* G 97-001466

Language of Document: Chinese

GERMANY (DE)

Patent (No,Kind,Date): DE 69618712 C0 20020314

KASSETTE FUER AUFZEICHNUNGSMEDIUM UND SIGNALAUFZEICHNUNGSGERAET DAFUER  
(German)

Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)

Author (Inventor): KAWAMURA ICHIRO (JP); IMANAKA RYOICHI (JP); GOTO YOSHIKAZU (JP)  
Priority (No,Kind,Date): JP 95123420 A 19950523; JP 96122948 A 19960517  
Applic (No,Kind,Date): DE 69618712 A 19960520  
IPC: \* G11B-023/03  
Derwent WPI Acc No: \* G 97-001466  
Language of Document: German  
Patent (No,Kind,Date): DE 69618712 T2 20020814  
KASSETTE FUER AUFZEICHNUNGSMEDIUM UND SIGNALAUFZEICHNUNGSGERAET DAFUER (German)  
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)  
Author (Inventor): KAWAMURA ICHIRO (JP); IMANAKA RYOICHI (JP); GOTO YOSHIKAZU (JP)  
Priority (No,Kind,Date): JP 95123420 A 19950523; JP 96122948 A 19960517  
Applic (No,Kind,Date): DE 69618712 A 19960520  
IPC: \* G11B-023/03  
Derwent WPI Acc No: \* G 97-001466  
Language of Document: German

GERMANY (DE)

Legal Status (No,Type,Date,Code,Text):  
DE 69618712 P 20020314 DE REF CORRESPONDS TO (ENTSPRICHT)  
  
EP 744743 P 20020314  
DE 69618712 P 20020814 DE 8373 TRANSLATION OF PATENT  
DOCUMENT OF EUROPEAN PATENT WAS RECEIVED AND  
HAS BEEN PUBLISHED (UEBERSETZUNG DER  
PATENTSCHRIFT DES EUROPAEISCHEN PATENTES IST  
EINGEGANGEN UND VEROEFFENTLICHT WORDEN)

EUROPEAN PATENT OFFICE (EP)

Patent (No,Kind,Date): EP 744743 A2 19961127  
CARTRIDGE FOR A RECORDING MEDIUM AND A SIGNAL RECORDING APPARATUS USING  
THE SAME (English; French; German)  
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)  
Author (Inventor): KAWAMURA ICHIRO (JP); IMANAKA RYOICHI (JP); GOTO YOSHIKAZU (JP)  
Priority (No,Kind,Date): JP 95123420 A 19950523; JP 96122948 A 19960517  
Applic (No,Kind,Date): EP 96303573 A 19960520  
Designated States: (National) DE; FR; GB  
IPC: \* G11B-023/03  
Derwent WPI Acc No: \* G 97-001466; G 97-001466  
Language of Document: English  
Patent (No,Kind,Date): EP 744743 A3 19970924  
CARTRIDGE FOR A RECORDING MEDIUM AND A SIGNAL RECORDING APPARATUS USING  
THE SAME (English; French; German)  
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)  
Author (Inventor): KAWAMURA ICHIRO (JP); IMANAKA RYOICHI (JP); GOTO YOSHIKAZU (JP)  
Priority (No,Kind,Date): JP 95123420 A 19950523; JP 96122948 A 19960517  
Applic (No,Kind,Date): EP 96303573 A 19960520  
Designated States: (National) DE; FR; GB  
IPC: \* G11B-023/03  
Derwent WPI Acc No: \* G 97-001466  
Language of Document: English  
Patent (No,Kind,Date): EP 744743 B1 20020123  
CARTRIDGE FOR A RECORDING MEDIUM AND A SIGNAL RECORDING APPARATUS USING  
THE SAME (English; French; German)  
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)  
Author (Inventor): KAWAMURA ICHIRO (JP); IMANAKA RYOICHI (JP); GOTO YOSHIKAZU (JP)  
Priority (No,Kind,Date): JP 95123420 A 19950523; JP 96122948 A 19960517  
Applic (No,Kind,Date): EP 96303573 A 19960520

Designated States: (National) DE; FR; GB

IPC: \* G11B-023/03

Derwent WPI Acc No: \* G 97-001466

Language of Document: English

EUROPEAN PATENT OFFICE (EP)

Legal Status (No, Type, Date, Code, Text):

EP 744743	P	19950523	EP AA	PRIORITY (PATENT APPLICATION)	(PRIORITAET (PATENTANMELDUNG))
EP 744743	P	19960517	EP AA	JP 95123420 A 19950523 PRIORITY (PATENT APPLICATION)	(PRIORITAET (PATENTANMELDUNG))
EP 744743	P	19960520	EP AE	JP 96122948 A 19960517 EP-APPLICATION	(EUROPAEISCHE ANMELDUNG)
EP 744743	P	19961127	EP AK	EP 96303573 A 19960520 DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT: (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNT VERTRAGSSTAATEN)	
EP 744743	P	19961127	EP A2	DE FR GB PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG OHNE RECHERCHENBERICHT)	
EP 744743	P	19970924	EP AK	DESIGNATED CONTRACTING STATES IN A SEARCH REPORT: (IN EINEM RECHERCHENBERICHT BENANNT VERTRAGSSTAATEN)	
EP 744743	P	19970924	EP A3	DE FR GB SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS (ART. 93))	
EP 744743	P	19980304	EP 17P	REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT)	
EP 744743	P	20000126	EP 17Q	971222 FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHEID)	
EP 744743	P	20020101	GB IF02/REG	19991209 EUROPEAN PATENT IN FORCE AS OF 2002-01-01	
EP 744743	P	20020123	EP AK	DESIGNATED CONTRACTING STATES MENTIONED IN A PATENT SPECIFICATION: (IN EINER PATENTSCHRIFT ANGEFUEHRTE BENANNT VERTRAGSSTAATEN)	
EP 744743	P	20020123	EP B1	DE FR GB PATENT SPECIFICATION (PATENTSCHRIFT)	
EP 744743	P	20020314	EP REF	CORRESPONDS TO: (ENTSPRICHT)	
EP 744743	P	20020712	EP ET	DE 69618712 P 20020314 FR: TRANSLATION FILED (FR: TRADUCTION A ETE REMISE)	

JAPAN (JP)

Patent (No, Kind, Date): JP 9045032 A2 19970214

CARTRIDGE AND SIGNAL-RECORDING APPARATUS HANDLING THE CARTRIDGE AND ELECTRONIC APPARATUS HANDLING THE CARTRIDGE (English)

Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD

Author (Inventor): KAWAMURA ICHIRO; IMANAKA RYOICHI; GOTO YOSHIKAZU

Priority (No, Kind, Date): JP 96122948 A 19960517; JP 95123420 A 19950523

Applic (No, Kind, Date): JP 96122948 A 19960517

IPC: \* G11B-023/03; G11B-015/17; G11B-023/30

Derwent WPI Acc No: \* G 97-001466

Language of Document: Japanese  
 Patent (No,Kind,Date): JP 2000123523 A2 20000428  
 CARTRIDGE, DISK CARTRIDGE AND ELECTRONIC DEVICE (English)  
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD  
 Author (Inventor): KAWAMURA ICHIRO; IMANAKA RYOICHI; GOTO YOSHIKAZU  
 Priority (No,Kind,Date): JP 99335941 A 19991126; JP 95123420 A 19950523  
 Applic (No,Kind,Date): JP 99335941 A 19991126  
 IPC: \* G11B-023/03  
 Derwent WPI Acc No: \* G 97-001466  
 Language of Document: Japanese  
 Patent (No,Kind,Date): JP 2000123524 A2 20000428  
 CARTRIDGE, DISK CARTRIDGE AND ELECTRONIC DEVICE (English)  
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD  
 Author (Inventor): KAWAMURA ICHIRO; IMANAKA RYOICHI; GOTO YOSHIKAZU  
 Priority (No,Kind,Date): JP 99335942 A 19991126; JP 95123420 A 19950523  
 Applic (No,Kind,Date): JP 99335942 A 19991126  
 IPC: \* G11B-023/03  
 Derwent WPI Acc No: \* G 97-001466  
 Language of Document: Japanese  
 Patent (No,Kind,Date): JP 2000123525 A2 20000428  
 CARTRIDGE, DISK CARTRIDGE AND ELECTRONIC DEVICE (English)  
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD  
 Author (Inventor): KAWAMURA ICHIRO; IMANAKA RYOICHI; GOTO YOSHIKAZU  
 Priority (No,Kind,Date): JP 99335943 A 19991126; JP 95123420 A 19950523  
 Applic (No,Kind,Date): JP 99335943 A 19991126  
 IPC: \* G11B-023/03  
 Derwent WPI Acc No: \* G 97-001466  
 Language of Document: Japanese  
 Patent (No,Kind,Date): JP 2000123526 A2 20000428  
 CARTRIDGE, DISK CARTRIDGE AND ELECTRONIC DEVICE (English)  
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD  
 Author (Inventor): KAWAMURA ICHIRO; IMANAKA RYOICHI; GOTO YOSHIKAZU  
 Priority (No,Kind,Date): JP 99335944 A 19991126; JP 95123420 A 19950523  
 Applic (No,Kind,Date): JP 99335944 A 19991126  
 IPC: \* G11B-023/03  
 Derwent WPI Acc No: \* G 97-001466  
 Language of Document: Japanese  
 Patent (No,Kind,Date): JP 2000123527 A2 20000428  
 CARTRIDGE, DISK CARTRIDGE AND ELECTRONIC DEVICE (English)  
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD  
 Author (Inventor): KAWAMURA ICHIRO; IMANAKA RYOICHI; GOTO YOSHIKAZU  
 Priority (No,Kind,Date): JP 99335945 A 19991126; JP 95123420 A 19950523  
 Applic (No,Kind,Date): JP 99335945 A 19991126  
 IPC: \* G11B-023/03  
 Derwent WPI Acc No: \* G 97-001466  
 Language of Document: Japanese  
 Patent (No,Kind,Date): JP 2000123528 A2 20000428  
 CARTRIDGE, DISK CARTRIDGE AND ELECTRONIC DEVICE (English)  
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD  
 Author (Inventor): KAWAMURA ICHIRO; IMANAKA RYOICHI; GOTO YOSHIKAZU  
 Priority (No,Kind,Date): JP 99335946 A 19991126; JP 95123420 A 19950523  
 Applic (No,Kind,Date): JP 99335946 A 19991126  
 IPC: \* G11B-023/03  
 Derwent WPI Acc No: \* G 97-001466  
 Language of Document: Japanese  
 Patent (No,Kind,Date): JP 3031241 B2 20000410  
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD  
 Author (Inventor): KAWAMURA ICHIRO; IMANAKA RYOICHI; GOTO YOSHIKAZU  
 Priority (No,Kind,Date): JP 96122948 A 19960517; JP 95123420 A 19950523  
 Applic (No,Kind,Date): JP 96122948 A 19960517  
 IPC: \* G11B-023/03; G11B-023/30

Language of Document: Japanese  
 Patent (No,Kind,Date): JP 3039545 B2 20000508  
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD  
 Author (Inventor): KAWAMURA ICHIRO; IMANAKA RYOICHI; GOTO YOSHIKAZU  
 Priority (No,Kind,Date): JP 99335941 A 19991126; JP 95123420 A 19950523  
 Applic (No,Kind,Date): JP 99335941 A 19991126  
 IPC: \* G11B-023/03; G11B-019/02; G11B-019/04; G11B-023/28  
 Language of Document: Japanese  
 Patent (No,Kind,Date): JP 3039546 B2 20000508  
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD  
 Author (Inventor): KAWAMURA ICHIRO; IMANAKA RYOICHI; GOTO YOSHIKAZU  
 Priority (No,Kind,Date): JP 99335942 A 19991126; JP 95123420 A 19950523  
 Applic (No,Kind,Date): JP 99335942 A 19991126  
 IPC: \* G11B-023/03; G11B-019/02; G11B-019/04; G11B-023/28  
 Language of Document: Japanese  
 Patent (No,Kind,Date): JP 3039547 B2 20000508  
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD  
 Author (Inventor): KAWAMURA ICHIRO; IMANAKA RYOICHI; GOTO YOSHIKAZU  
 Priority (No,Kind,Date): JP 99335943 A 19991126; JP 95123420 A 19950523  
 Applic (No,Kind,Date): JP 99335943 A 19991126  
 IPC: \* G11B-023/03; G11B-019/02; G11B-019/04; G11B-023/28  
 Language of Document: Japanese  
 Patent (No,Kind,Date): JP 3039548 B2 20000508  
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD  
 Author (Inventor): KAWAMURA ICHIRO; IMANAKA RYOICHI; GOTO YOSHIKAZU  
 Priority (No,Kind,Date): JP 99335944 A 19991126; JP 95123420 A 19950523  
 Applic (No,Kind,Date): JP 99335944 A 19991126  
 IPC: \* G11B-023/03; G11B-019/02; G11B-019/04; G11B-023/28  
 Language of Document: Japanese  
 Patent (No,Kind,Date): JP 3039549 B2 20000508  
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD  
 Author (Inventor): KAWAMURA ICHIRO; IMANAKA RYOICHI; GOTO YOSHIKAZU  
 Priority (No,Kind,Date): JP 99335945 A 19991126; JP 95123420 A 19950523  
 Applic (No,Kind,Date): JP 99335945 A 19991126  
 IPC: \* G11B-023/03; G11B-019/02; G11B-019/04; G11B-023/28  
 Language of Document: Japanese

#### KOREA, REPUBLIC (KR)

Patent (No,Kind,Date): KR 270384 B1 20001101  
 CARTRIDGE FOR A RECORDING MEDIUM AND A SIGNAL RECORDING APPARATUS USING THE SAME (English)  
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)  
 Author (Inventor): KAWAMURA ICHIRO (JP); IMANAKA RYOICHI (JP); GOTO YOSHIKAZU (JP)  
 Priority (No,Kind,Date): JP 95123420 A 19950523  
 Applic (No,Kind,Date): KR 9617122 A 19960521  
 IPC: \* G11B-023/03  
 Derwent WPI Acc No: \* G 97-001466  
 Language of Document: Korean

#### UNITED STATES OF AMERICA (US)

Patent (No,Kind,Date): US 5764622 A 19980609  
 RECORDING MEDIUM CARTRIDGE AND SIGNAL RECORDING APPARATUS (English)  
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)  
 Author (Inventor): KAWAMURA ICHIRO (JP); IMANAKA RYOICHI (JP); GOTO YOSHIKAZU (JP)  
 Priority (No,Kind,Date): JP 95123420 A 19950523; JP 96122948 A 19960517  
 Applic (No,Kind,Date): US 652053 A 19960523  
 National Class: \* 369291000; 360133000  
 IPC: \* G11B-023/03  
 Derwent WPI Acc No: \* G 97-001466  
 Language of Document: English

Patent (No,Kind,Date): US 5854777 A 19981229  
 RECORDING MEDIUM CARTRIDGE AND SIGNAL RECORDING APPARATUS (English)  
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)  
 Author (Inventor): KAWAMURA ICHIRO (JP); IMANAKA RYOICHI (JP); GOTO YOSHIKAZU (JP)  
 Priority (No,Kind,Date): US 20415 A 19980209; JP 95123420 A 19950523; JP 96122948 A 19960517; US 652053 A3 19960523  
 Applic (No,Kind,Date): US 20415 A 19980209  
 Addnl Info: 5764622 Patented  
 National Class: \* 369054000; 369058000; 369047000  
 IPC: \* G11B-007/00  
 Derwent WPI Acc No: \* G 97-001466  
 Language of Document: English  
 Patent (No,Kind,Date): US 37659 E1 20020416  
 RECORDING MEDIUM CARTRIDGE AND SIGNAL RECORDING APPARATUS (English)  
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)  
 Author (Inventor): KAWAMURA ICHIRO (JP); IMANAKA RYOICHI (JP); GOTO YOSHIKAZU (JP)  
 Priority (No,Kind,Date): US 558462 A 20000424; JP 95123420 A 19950523; JP 96122948 A 19960517; US 652053 A5 19960523  
 Applic (No,Kind,Date): US 558462 A 20000424  
 National Class: \* 369291000; 360133000  
 IPC: \* G11B-023/03  
 Derwent WPI Acc No: \* G 97-001466  
 Language of Document: English

UNITED STATES OF AMERICA (US)

Legal Status (No,Type,Date,Code,Text):

US 37659	E	19950523	US AA	PRIORITY (PATENT)
			JP 95123420 A	19950523
US 37659	E	19960517	US AA	PRIORITY (PATENT)
			JP 96122948 A	19960517
US 37659	E	19960523	US AA	PRIORITY
			US 652053 A5	19960523
US 37659	E	20000424	US AE	APPLICATION DATA (PATENT)
			(APPL. DATA (PATENT))	
			US 558462 A	20000424
US 37659	E	20020416	US E1	REISSUE (PRE-GRANT)
US 5764622	P	19950523	US AA	PRIORITY (PATENT)
			JP 95123420 A	19950523
US 5764622	P	19960517	US AA	PRIORITY (PATENT)
			JP 96122948 A	19960517
US 5764622	P	19960523	US AE	APPLICATION DATA (PATENT)
			(APPL. DATA (PATENT))	
			US 652053 A	19960523
US 5764622	P	19960724	US AS02	ASSIGNMENT OF ASSIGNOR'S INTEREST
			MATSUSHITA ELECTRIC INDUSTRIAL CO. LTD. 1006 OAZA KADOMA, KADOMA-SHI OSAKA 571, ; KAWAMURA, ICHIRO : 19960710; IMANAKA, RYOICHI : 19960709; GOTO, YOSHIKAZU : 19960712	
US 5764622	P	19980609	US A	PATENT
US 5764622	P	20000613	US RF	REISSUE APPLICATION FILED (REISSUE APPL. FILED)
			20000424	
US 5764622	P	20020625	US RF	REISSUE APPLICATION FILED (REISSUE APPL. FILED)
			20011228	
US 5854777	P	19950523	US AA	PRIORITY (PATENT)
			JP 95123420 A	19950523
US 5854777	P	19960517	US AA	PRIORITY (PATENT)
			JP 96122948 A	19960517
US 5854777	P	19960523	US AA	PRIORITY
			US 652053 A3	19960523
US 5854777	P	19980209	US AE	APPLICATION DATA (PATENT)
			(APPL. DATA (PATENT))	
			US 20415 A	19980209
US 5854777	P	19981229	US A	PATENT